

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
28 December 2000 (28.12.2000)

PCT

(10) International Publication Number  
**WO 00/79781 A1**

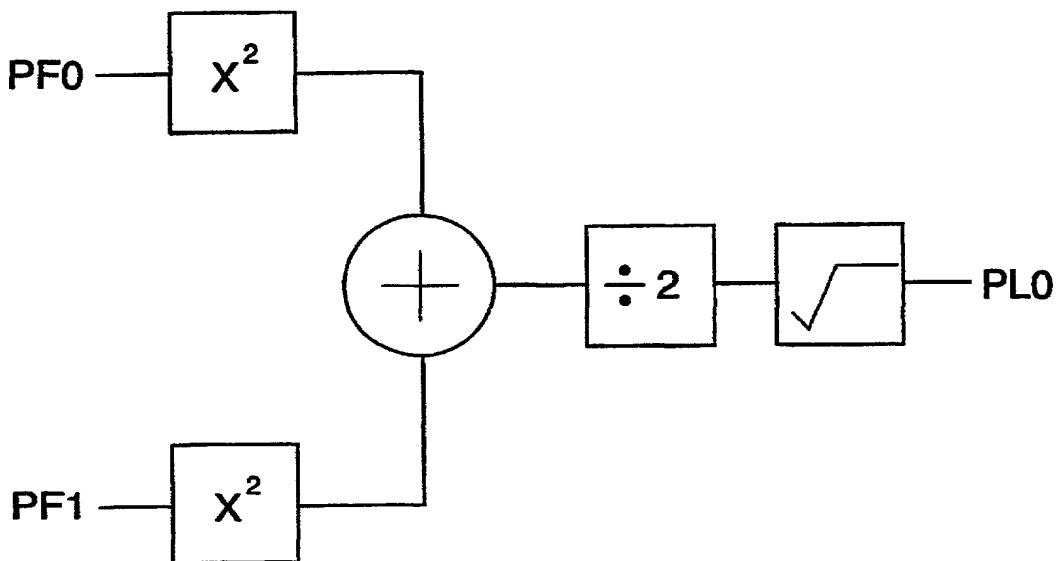
- (51) International Patent Classification<sup>7</sup>: H04N 3/00, 7/01, 9/00
- (74) Agent: WATERMARK PATENT & TRADEMARK ATTORNEYS; 4th Floor, "Durack Centre", 263 Adelaide Terrace, Perth, W.A. 6000 (AU).
- (21) International Application Number: PCT/AU00/00673
- (22) International Filing Date: 16 June 2000 (16.06.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
PQ 1018 17 June 1999 (17.06.1999) AU
- (71) Applicant (for all designated States except US): DYNAMIC DIGITAL DEPTH RESEARCH PTY LTD. [AU/AU]; 8 Brodie Hall Drive, Bentley, WA 6102 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HARMAN, Philip, Victor [AU/AU]; 45 Ventor Street, Scarborough, W.A. 6019 (AU). HEAVEY, Patrick, Joseph [AU/AU]; 38 Hooson Way, Wilson, W.A. 6107 (AU).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IMAGE ENHANCEMENT SYSTEM



WO 00/79781 A1

(57) Abstract: A method of determining an interpreted line in a line doubling system including the steps of determining the value of pixels on adjacent lines, determining the Root Mean Square (RMS) value of the pixels on adjacent lines, and utilizing the RMS value to create the interpreted line.